

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION



1220 Washington Avenue, State Campus, Albany, New York 12226

April 28, 1971

TO: ALL REGIONAL DIRECTORS

SUBJECT: REVISIONS - Materials Method N.Y. 5.11 -
"Plant Inspection of Bituminous Concrete" -
High Friction Surface Course Mixes

The following changes in procedure are effective immediately with relation to Section V, Part B and Section VI of Materials Method N.Y. 5.11.

1. When submitting high friction aggregate samples, a copy of Form BR-161a, "Hot Bin Analysis," need not be sent to the Materials Bureau. Instead, the inspector SHALL copy the batch percentages for # 1 and/or # 1A size stone into the space for "Remarks" on the sample identification form sent in with the sample (Form BR-170b, "Bitumen or Mix Sample"). See sample form below.
2. The inspector shall follow the Distribution instructions found on the bottom of the "Bitumen or Mix Sample" form, Form BR-170b (9/68). Both white and green paper copies should be sent to the Materials Bureau. (Only Form BR-170b should be used for this program.)

Test results will be returned to Regional Offices on the green copy of the Form BR-170b, validated by the Materials Bureau. Results will be shown on the bottom lines of the right side of the form. See sample form below.

NYSDOT
Library
50 Wolf Road, POD 34
Albany, New York 12232

ALL REGIONAL DIRECTORS
April 28, 1971
Page 2

SAMPLE FORM BR-170b

FORM BR-170b (9/68) NEW YORK STATE DEPT. OF TRANSPORTATION MATERIALS BUREAU		BITUMEN OR MIX SAMPLE		FOR LAB USE ONLY TEST NO. <u>71 L3 XXX</u> DATE REC'D. <u>7/5/71</u> SERIAL NO. <u>77805</u>	
SEE REVERSE SIDE FOR INSTRUCTIONS					
PRIMARY SOURCE* <u>XYZ Co</u>		LOCATION* <u>Site N.Y.</u>			
LOT. NO.*	ITEM NO.*† <u>51 MF</u>	GRADE TYPE*†	DATE SAMPLED*† <u>7/4/71</u>	TIME SAMPLED*† <u>11:30 AM</u>	
SAMPLED BY*† <u>J. Doe</u>	DISTRICT NO.*† <u>4</u>	JOB-MIX FORM. NO.*† <u>1</u>	TONS REPRESENTED† <u>1180</u>		
COMPLETE THIS SECTION FOR SAMPLES TAKEN AT BITUMINOUS CONCRETE PLANT.			COMPLETE THIS SECTION FOR SAMPLES TAKEN AT PROJECT SITE.		
NAME OF OWNER*† <u>XYZ Co</u>			NAME OF SUPPLIER*†		LOCATION*†
LOCATION*† <u>Site, N.Y.</u>			CONT. OR HM NO.*† <u>HIGH FRIC AGGREGATE</u>		VEHICLE NO.*† <u>TEST DATA</u>
REMARKS:† <u>① No Batched</u> <u>#1^s = 23% #1A^s = 35%</u>			STATION AND LANE*† <u>NON-CAPP. + 1/8 in. = 23 %</u> GALS. REP. AT 60 F.* <u>② CONTENT + 1/4 in. = 25 %</u>		
DISTRIBUTION - • Yellow to Dist. File • Pink to Inspector			• White & Green to Materials Bureau within Sample Pkg. • White Card (Part #5) - Affix to Sample Container		
COMPLETE FOR BITUMEN SAMPLE*			COMPLETE FOR MIX SAMPLE†		
COMPLETE FOR EITHER TYPE OF SAMPLE*†					

① ENTERED BY INSPECTOR - batch percentage figures for # 1 and/or # 1A size stone (copied directly from "Hot Bin Analysis," Form BR-161a).

② TEST RESULTS - entered at Materials Bureau.

③ VALIDATION STAMP - applied at Materials Bureau.

All other provisions of Materials Method N.Y. 5.11 are still in effect.

Harry H. McLean
HARRY H. McLEAN
Director of Engineering Materials

DEJP:rmo
FILE: 28

HOT BIN ANALYSIS

PLANT

XYZ Co. Site, N.Y.

INSPECTOR

J. Doe

DATE

7/4/77

ITEM NO.

51 ME

MIX TYPE

1A Top

AGGREGATE TEMP.

300

°F

BITUMEN TEMP.

300

°F

BIN BREAKDOWN

Sieve Sizes	No. 2		No. 1		No. 1A		No. 1B		FINES		MINERAL FILLER	
	Wt. ret.	% pass	Wt. ret.	% pass	Wt. ret.	% pass	Wt. ret.	% pass	Wt. ret.	% pass	Wt. ret.	% pass
2"												
1 1/2"												
1"												
1/2"												
1/4"												
1/8"												
20												
40												
80												
200												
PAN												
Totals												

COMBINED

GRADATION

BIN	lbs		%		2"		1-1/2"		1"		1/2"		1/4"		1/8"		20		40		80		200	
	batched	%	batched	%	2"	1-1/2"	1"	1/2"	1/4"	1/8"	20	40	80	200										
1			230																					
1A			350																					
1B																								
FINES																								
Min. Filler																								
TOTAL																								
JOB MIX LIMITS																								

Lbs. Bitumen Batched _____
 % BITUMEN _____
 JOB MIX LIMITS _____

Copy these figures
 onto Form BR-1706

NOT FOR ANALYSIS

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION - MATERIALS DIVISION

TEST REPORT

TEST NO. 12

DATE 12/12/12

TESTER J. J. J.

TEST TYPE 1

TEST RESULT 12

TEST LOCATION 12

TEST COMMENTS 12

TEST RESULTS

TEST NO.	TEST TYPE	TEST RESULT	TEST LOCATION	TEST COMMENTS
1	1	12	12	12
2	1	12	12	12
3	1	12	12	12
4	1	12	12	12
5	1	12	12	12
6	1	12	12	12
7	1	12	12	12
8	1	12	12	12
9	1	12	12	12
10	1	12	12	12
11	1	12	12	12
12	1	12	12	12

01466



LRI